The Fire and Emergency Medical Services News







SPRING 2006

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A Service of New Hampshire Division of Fire Standards & Training and Emergency Medical Services

"Training on the Leading Edge"

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Dear New Hampshire EMS & Fire Personnel:

The word of the immediate future in the emergency response world will be credentialling. As we see more and more response outside your immediate response districts it will be more and more important to assure that the responders meet the appropriate training criteria for the tasks at hand. A nationwide mutual aid plan will exacerbate this issue as well. There have been several meetings of training, certification and accrediting groups from around the nation to discuss a national policy for credentialling our personnel.

One major piece of the credentialling puzzle will be accredited certifications, either by the National Board on Fire Service Professional Qualifications (Pro-Board) or the International Fire Service Accreditation Congress (IFSAC) for fire related training,

and the National Registry of Emergency Medical Technicians (NREMT) or comparable for EMS certifications. This will assure that the certifications attained have followed nationally accepted criteria for such certification and that certain prerequisite knowledge and job performance objectives as well as cognitive examinations have been taken and successfully passed to attain such standing.

Credentialling will be before us sooner than later and the documentation method has been developed, and will follow federal guidelines for the credentialling of federal employees and military personnel. This is a reality and we will have to follow the guidelines if we wish to be part of this wider response. There were many "self dispatched" responders to Hurricane Katrina causing extensive issues trying to manage such a response. Even if the responders were needed and utilized, presently there is not an easy method of checking their credentials.

Another piece of this puzzle is whether the nationally accepted training is being used at the local level through company drills, departmental drills and exercises, and policies or procedures. Even if a department does follow these guidelines, how can one document such use. Again through accreditation, but this time of the department, not the individual certification. If the fire agency is accredited through the Commission on Fire Accreditation International (CFAI - http://www.cfainet.org/) or the EMS squad by the Commission on the Accreditation of Ambulance Services (CAAS - http://caas.org/), this shows the documentation needed that accepted policies and procedures are being implemented and followed. As time goes on documenting all our training, operations, and way we do business will be more important that ever!

I hope you are all having a great year so far, and remember whether training or operating at an emergency keep safety in mind...everyone goes home!

Sincerely: Rick Mason

Kill Allasm

CALENDAR OF EVENTS

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1st Thurs. of each month (except July-August) 2nd Thurs.of each month		Training Commission Meeting 10:00 a.r	m	NHFA
ZITG THGIOLOT GGGITTHGTHITH	_	red by 1st of month		NHFA
3rd Friday of each month	National Registry Exc	am for EMS at 9:00am		NHFA
Every month	Train-the-Trainers (wo	atch for listings)		NHFA
EMERGENCY MEDICA	L SERVICES: War	tch for future listings		
FIRE & EMERGENCY SE	RVICES INSTRUC	CTOR PROGRAMS: Watch fo	or future listing	gs
FIRE OFFICER PROGRA	MS: Watch for	future listings		
FIREFIGHTER PROGRA	MS: Watch for fo	uture listings		
HAZARDOUS MATERIA	LS PROGRAMS:	Watch for future listings		
INDUSTRIAL TRAINING	: Watch for futu	ıre listings		
NATIONAL FIRE ACAD	EMY PROGRAM	S:		
06/05/06 & 06/06/06	Preparation for Initia	l Company Operations		NHFA
SPECIALTY PROGRAM	S:			
05/11/06 - 06/01/06	Fire In	spector I	Jaffrey Fire	Dept.
05/06 & 05/07/06	ICS / I	NIMS IS-700	Marlborouç	gh Fire Co.
		IS-700		n Hospital
		Operator / All Vehicle		
		ntermediate (ICS-300)		
07/5 & 07/06/06 OR 08/29 & 0	3/30/06 ICS - A	Advanced (ICS-400)	NHFA	
TERRORISM PROGRAM	IS: Watch for fu	ture listings		
TDAINI_THE_TDAINED DE	OCDAMS: \Mate	ch for future listings		

TRAIN-THE-TRAINER PROGRAMS: Watch for future listings

Please check our website monthly for upcoming programs at http://www.nh.gov/safety/fst/uprograms.html

INSIDE THIS ISSUE

Calendar of Events	2	Division of Forests and Lands Forest Protection Bureau
A Call to Brotherhood	3	
		Division of Fire Safety, Office of the State Fire Marshal 7
Technical Rescue Programs Update	4	Peterborough Fire and Rescue 8
TEMIS User Rollout and Report Writer	4	New Hampshire National Guard
Notice: EMS Awards Nominations Opened-Deadline		12 th Civil Support Team
Changed!	5	Peete Training and 2006 EMS Practical Examination
New England Journal of Medicine Publishes		Evaluator Renewals 9
Important Trauma Care Study	5	2007 Protocols

A Call To Brotherhood



The New Hampshire Fallen Fire Fighter's Memorial

The New Hampshire Fallen Fighter's Memorial Committee would like to announce a call to brotherhood. On the weekend of August 26th & 27th, 2006 we need your help to construct a memorial to honor our brothers and sister who have made the ultimate sacrifice.

This memorial will be located on the grounds of the New Hampshire Fire Academy.

This memorial will have a grand brick walkway leading to a Memorial Bell set on beautiful granite base in the center of the memorial. Along with the walkway, there will be seating in the form of granite benches and flag poles. All of this will be accompanied by candle holders and an eternal flame for those lost in the line of duty.

During the past few months the committee has been working hard to organize the logistics of this task. We are looking for fighters and landscapers alike to help construct the unique memorial. It doesn't matter what level of landscaping skill you have, all are welcomed. If you are a brick layer, landscaper, cook or have one or more talents or skills that might be useful; or if you have a source for materials, tools, food or can help in anyway your help is needed.

The call will begin on August 25th, 2006 with check in at the New Hampshire Academy from 15:00hrs to 19:00hrs. Work on the memorial will start at 07:00hrs for both Saturday and Sunday morning with shutdown at 17:00hrs. Breakfast and lunch will be provided along with a barbecue dinner on Saturday night.

In addition, we are looking for help to continue the sale of the memorial bricks. If you would like your brick with your words placed in the walkway before the dedication the deadline for brick orders should be no later than June 30th, 2006.

The bricks that line the walkway and bell area will be up for a donation of fifty or one hundred dollars. These amounts will get an inscription of your words put on them to remain in the memorial forever.

We also still have available 12"x 24" granite plaques for a donation of five hundred dollars that will be placed as dividers in the brick walkway.

It is our hope that with this memorial we can give back to the families and friends of those who have been lost in the line of duty in the State of New Hampshire.

To view a color photo of the plans, request a registration form or purchase a brick for this memorial please visit WWW.NHSFA.ORG.

If you would like to provide a donation for a brick or register and/or can't access the registration form or provide a donation for a brick through the web site, or just have questions regards this memorial project please contact;

Gary Lambert
22 Broadway Street
Pembroke, NH 03275
603-235-9858
GLambert@Hooksettfire.org

Eric Lambert 13 Prospect Street Pembroke, NH 03275 603-568-2302 elhfde2@yahoo.com

Technical Rescue Programs Update

By Steve McKenna, Program Coordinator

Rescue Systems I (RSI): This class was run last September and is scheduled for the week of September 24th, 2006 this year. Attendance was full last year with exception of last minute cancellations that could not be filled.

Rescue Systems II (RSII): This class was run last October and is scheduled this year for the week of October 29th, 2006. Attendance was also full for this class with the exception of several last minute cancellations.

Both of these classes continue to be in demand and consistently receive the highest praise in evaluations. I continue to receive comments regarding the high quality of these classes and their lack of availability elsewhere.

Introduction to Technical Rescue Skills (ITRS): Continues to be run as the four-day program when requested. We are waiting on the development of the Firefighter III (FF-III) Rope Rescue so we can determine what exactly should be in the new curriculum at which time it will be a five-day program, the increase being in rope hands on skills.

Firefighter III (FF-III) Rope Rescue: We currently have a committee, the 1006 Technical Rescue Programs Committee, which is developing this class. When developed and presented the program will include all the skills necessary, including high-line systems, to meet the performance requirements as stated in NFPA 1006 Standard for Rescue Technician Professional Qualifications, chapters 5 and 6. There is currently no projected date when this course will be run.

FF-III Confined Space: This class was run several times in 2005 and will be offered as requested in 2006. Check

on our web site or department postings for dates that will be offered in 2006. We will be reviewing the curriculum as needed to assure it remains consistent with current editions of the applicable standards but for the time being is fine. We have received grant monies to purchase a mobile confined space training prop which when purchased would enhance our capabilities to teach this class greatly.

FF-III Trench Rescue: We have just established a visiting committee whose task will be to develop and present a Trench Rescue program that would meet the NFPA 1006 Standard for Rescue Technician Professional Qualifications, chapters 5 and 11. The first meeting of this committee will be February 2nd, 2006. I have submitted a purchase order and are awaiting approvals for a Paratech Trench Shoring kit, which will be mandatory to have in order to present this class. We already have most of the other equipment needed. We are hoping to present the pilot classes for this program as soon as possible.

FF-III Water Rescue / Ice: Four Instructors will be attending a three-day Train the Trainer with Lifesaving Resources in Hancock February 17-19, 2006.

FF-III Structural Collapse: In the past there was a plan to allow a student who had FF-I and II, as well as ITRS and RSI and RSII to take a written test at the end of RSII and receive certification as a Structural Collapse Technician. This is presently being reviewed.

If you have any questions please feel free to contact me at 603-271-2661 ext. 123.

TEMSIS User Rollout and Report Writer

The Division of Fire Standards & Training and Emergency Medical Services (FST & EMS) has completed the TEMSIS regional rollout. During this statewide process over 400 instructors were trained impacting close to 200 EMS Units. More than 25,000 charts are in TEMSIS with over 2,000 users logged on to the system.

Beginning the first quarter of this year, the Division began holding "Report Writer" classes. These classes teach participants how to setup report criteria, generate reports, distribute reports and utilize pre-set reports for data analysis from TEMSIS. This will help Unit Leaders, Hospital EMS Coordinators and staff better understand EMS in their areas.

To learn more about TEMSIS, to request training and/or enroll in a Report Writer program contact Fred von Recklinghausen at (603) 271-0322.

Notice: EMS Awards Nominations Opened - Deadline Changed!!!

The 2006 EMS Annual Awards Nominations are open for submission. The statewide awards are in their 11th year and we are looking for significant events, individuals and organizations to recognize. In years past amazing EMS Educators, resourceful and courageous Responders, dedicated EMS Services and those who have given extraordinary time and energy to the New Hampshire EMS System have been nominated for these five awards. These awards will be presented along with the Fire Service Committee of Merit awards at the October 11, 2006 ceremony in Concord, NH.

Please visit the EMS web site at www.state.nh.us/safety/ems/awards to print the 2006 nomination form and note that the deadline for submission of nominations has been moved ahead to August 1, 2006. If you have submitted nominations in past years and not been recognized with the award, please do not get discouraged. The Awards Committee receives numerous nominations and must consider all aspects of the situations documented. We are lucky to have such phenomenal situations to deliberate and never want to dishearten anyone from submitting paperwork.

We look forward to hearing from you!

NEW ENGLAND JOURNAL OF MEDICINE PUBLISHES IMPORTANT TRAUMA CARE STUDY

by Clay Odell, EMTP, RN, Trauma Coordinator

A recent study, published in the January 26, 2006 issue of the New England Journal of Medicine (NEJM), confirmed previous studies that severely injured patients are less likely to die if they are treated in a trauma center than if they are treated at a non-trauma center. "What's the big deal about that?", you may be asking yourself, "we've been taught that since I went to EMT school". Well, the important thing is that the medical community is finally having some success proving what we've all been assuming all these years.

Many of the things that EMS providers did 20 years ago are not done any longer because scientific study showed them to be ineffective (or dangerous....oops). On the other hand, many things have been shown to be beneficial. Many things in the field of emergency medicine have been instituted because they just seemed to make sense. But more and more we are required to scrutinize what we do and prove its usefulness. Studying the usefulness of a trauma system makes sense because it is a costly, somewhat cumbersome system to maintain. So is it worth it?

The NEJM study looked at 5191 severely injured patients treated at 69 hospitals in 14 states. It compared the death rates of those that were treated at trauma centers with those that were treated at non-trauma hospitals. The authors found that patients were 25% less likely to die if they were treated at a trauma center. This study used data from the

National Study on the Costs and Outcomes of Trauma. Data such as this was not available until recently, and shows the importance of collecting and reviewing the data to improve medical practices. It is important for the EMS community to recognize that the TEMSIS Project will provide such data here in NH.

Some other studies have been published that show similar results - getting a severely injured patient to a trauma center as quickly as possible saves lives. What's different about this study? Mainly the prestige of the New England Journal of Medicine that subjects articles it publishes to very rigorous scrutiny. What does that mean? It means that physicians and other healthcare leaders are more likely to accept the conclusions of the study.

The more that the concept of a trauma system penetrates the EMS and Emergency Department cultures, and the less "ammunition" there is for people to argue against it, the more success we will have of maintaining a consistently effective trauma system. We're not quite there yet, but this study is a major tool to promote excellent trauma care in NH.

MacKenzie EJ, Rivara FP, et al: A National Evaluation of the Effect of Trauma-Center Care on Mortality: The New England Journal of Medicine, Volume 354, Number 4: pages 366-378



DIVISION OF FORESTS AND LANDS FOREST PROTECTION BUREAU



FIRE SEASON IS UPON US ONCE AGAIN. PLEASE REMEMBER SAFETY FIRST, ON EVERY INCIDENT!

- * For up-to-date wildland fire information, please call our toll-free wildland fire information line at 1-866-nh-fires (643-4737).
- * New rules pertaining to open burning and permit issuing went into effect last fall. If you have any questions please contact your local forest ranger.
- * Please remember to report all outside fires to our office, either through your local fire tower, by calling our headquarters at 271-2214, or email information to asmith@dred.state.nh.us.
- * Firefighters who are interested in joining our out-of-state fire crews for the first time need to attend the fire crew orientation on june 10, 2006 at tilton-northfield fd.

WORK CAPACITY TEST 2006 AND ANNUAL SAFETY REFRESHER

(REQUIRED FOR ALL OUT-OF-STATE FIRE CREW MEMBERS)

The Work Capacity Test and Safety Refresher will be given on the following dates:

April 19, 2006	. Epsom Fire Department	8:00 am to 5:00 pm
April 29, 2006	. Keene Fire Department/Central Station	8:00 am to 5:00 pm
April 29, 2006	. Bedford Safety Complex	8:00 am to 5:00 pm
May 6, 2006	. Newport Fire Station	8:00 am to 5:00 pm
May 20, 2006	. Lancaster Fairgrounds	8:00 am to 5:00 pm
May 25, 2006	. Lancaster Fairgrounds	8:00 am to 5:00 pm
May 27, 2006	. Portsmouth Fire Department/Central Station	8:00 am to 5:00 pm

FIRE CREW ORIENTATION:

June 10, 2006	Tilton/Northfield Fire Station/Downtown	8:00 am to 5:00 pm
	(mandatory for all new fire crew members)	

Please RSVP to Amanda Smith by email at asmith@dred.state.nh.us or by calling 271-2214 with the date/location you plan on attending.

**Training for the Work Capacity Test should start at least one month prior to the test. Ankle high footwear is required. People without proper footwear will not be allowed to participate. Please bring your own 45lb pack or vest, they WILL NOT be provided.



STATE OF NEW HAMPSHIRE DEPARTMENT OF SAFETY

Richard M. Flynn, Commissioner

Division of Fire SafetyOFFICE OF THE STATE FIRE MARSHAL

J. William Degnan, State Fire Marshal

Office: Richard M. Flynn Fire Academy, Route 106, Concord, NH Mailing Address: 33 Hazen Drive, Concord, NH 03305 603-271-3294, FAX 603-271-1091



NH State Fire Marshal's Office Winds Down Old NHFIRS System

Concord, NH - The State Fire Marshal's Office is preparing to shut down its Version 4.1 data collection system for the New Hampshire Fire Incident Reporting System (NHFIRS). NHFIRS has been collected in the State of New Hampshire for nearly 30 years. It has gone through several iterations since its inception in 1977. NHFIRS is mandated by statute pursuant to RSA 153:11.

In the early 1990's the US Fire Administration (USFA) and the National Fire Information Council (NFIC) started developing a new version of the system called Version 5.0. The state started collecting version 5.0 data on January 1, 1999. Changes in the way that the fire service does business necessitated the change to a new system. Version 5.0 involved many changes in the new version incorporated a large scale design change in the system. Each field was scrutinized against a set of tough criteria to determine its validity in the system. Some fields were modified and others were scrapped. Another major change from the Version 4.1 system to the Version 5.0 system was the predication that paper reporting was no longer going to be necessary. Version 5.0 was designed and is operated as a computerized system.

In order to allow towns to make the transition from Version 4.1 to Version 5.0, the State Fire Marshal's Office elected to operate both systems concurrently for a period of five years. This allowed departments to send data in either format during the transition. Those five years have come and gone and we are now working on our seventh year.

On July 1, 2006, the NH State Fire Marshal's Office will be shutting down the old 4.1 system and will no longer accept data from non-version 5.0 compliant systems. The remaining departments have until then to find a Version 5.0 compliant vendor to provide them with software to submit the incident data to the State Fire Marshal's Office.

NH State Fire Marshal, J. William Degnan stated that he appreciates the towns support during the transition. "Version 5.0 data better reflects the actual work that the fire service is doing in this day and age", Degnan said. "With today's technology, having a paperless system will speed up the process of turning data into information and we appreciate all the towns that continue to contribute to NHFIRS", he said. Deputy State Fire Marshal Robert Farley who supervises the system for the state echoed Marshal Degnan's comments, "Good data can be turned into good information and information is power", Farley said. "We hold true to the NFIRS motto, 'Fighting Fires with Facts'", he added. For more information on NHFIRS, please visit the division's website at www.safety.nh.us/safety/firesafety

Peterborough Fire & Rescue

February 10, 2006

This summer, Peterborough Fire & Rescue members and citizens of Peterborough will celebrate the 150th anniversary of this special day. The festivities will take place on Saturday, July 8, 2006 and Peterborough residents and businesses are invited to commemorate the day with us.

Since its founding, Peterborough Fire & Rescue has undergone a name change, the fire station has moved, and membership has increased. Call volume has increased and firefighters and rescue workers are expected to deal with many different types of emergencies using 21st century technology. However the heart of PFR remains the same: Peterborough residents, dedicated to the safety of their community, volunteering their time to serve. PFR will celebrate this tradition in its 150th Anniversary Celebration this summer. The festivities are beginning to take shape.

The day-long event will begin with a parade at 10 am, which will display antique fire apparatus from all across the state. Following the parade will be a number of exciting events, including:

- * Antique fire apparatus pumping and displays. The parade is also open to modern fire apparatus
- * Temple and American Legion Band performances
- * NH 6th Regiment reenactment and camp display
- * Business and non-profit organization displays and activities
- * Intergovernmental displays, food, and activities
- * Memorial celebrations
- * "Peterborough Verbatim," a local play performed at the Town Hall the evening of Friday, July 7, 2006
- * A Fireworks display on the evening of July 8, 2006 at ConVal High School. The gates will open at 5pm with local band Dave and the Daddy-O's.

PFR is extremely excited about this event. A special committee has been in place for over a year to oversee the planning of this event. Watch the papers for new information regarding this special celebration. If you want to volunteer your help, please contact the fire station. If you have further questions please email at 150th@firerescue.us



NEW HAMPSHIRE NATIONAL GUARD 12th CIVIL SUPPORT TEAM State Military Reservation 4 Pembroke Road Concord NH 03301-5652

Civil Support Team Training

The NH $12^{\rm th}$ Civil Support Team and the NY $2^{\rm nd}$ Civil Support Team will be setting up response equipment at the Whittemore Center in Durham NH on 12 July 2006. All First responders are encouraged to come by and meet the Civil Support Team Members and check out the equipment. Should you have additional questions or need information please contact Eddie Acres, TSgt from the NH $12^{\rm th}$ Civil Support Team at work 603-225-1882 or cell phone 603-491-9174.

PEETE Training and 2006 EMS Practical Examination Evaluator Renewals

EMS Practical Examination Evaluators trained under the Practical Examination Evaluator Training and Education (PEETE) Program will see changes occurring over the next several months.

The NHBEMS Education Staff is in the process of overhauling the PEETE Program. Using an objective-based approach to update the training program, we are also focusing on the inclusion of more interactive practical examination evaluation exercises. This program revision will bring a new orientation to current PEETE faculty as well as training new faculty members. It will also afford an opportunity for current Evaluators to obtain additional training in the art of practical exam evaluation.

Our PEETE database has been redesigned to help us better track new evaluator training as well as current and renewal status of practical examination evaluators. In the spring of 2006, to ease the PEETE renewal process, we will begin a pilot study of consolidating the PEETE and Provider Licensing renewal processes. Information explaining the pilot process has been sent out to Evaluators who are due to renew by March 2006. After renewals are logged into the PEETE database, wallet cards will be issued to evaluators confirming their current, active status.

Questions about this can be directed to either Kelley or Donna by calling 603-752-7531.

2007 PROTOCOLS

From Vicki Blanchard, ALS Coordinator

Incredible as it may or may not seem, the 2007 protocols will be due in just a few months! Since January your 2007 Protocol Subcommittee has been diligently working on the following areas:

- * **Formatting:** Fixing errors, creating a less wordy document, flow charts, funding, appendix, protocols vs. education, medication list, IV TKO vs. Saline Lock.
- * **Customization:** ANI-ALI, AHA, Alternative airway devices, PIC Line, Ventilators, Tracheostomy tubes, Diastat rectal gel.
- * Children: specialized, situational conditions, deviation from protocol.
- * Rollouts: notification, implementation, impact and oversight.
- * Content: Bio terrorism, American Heart Associate 2005 Guidelines and Pediatric.
- * Inter-Facility Transfers (IFT): Orders, Billing, Medications/Classes, Medical Control, Equipment, QA, Records, Education, Legal and Contractual.
- * **Prerequisites:** Rapid Sequence Intubation, Intermediate Intubation and immunizations.

I am always happy to take comments or suggestions to improve the protocols. Now is the time to speak up! Send comments and suggestions to: vblanchard@safety.state.nh.us.

FIRE & EMS NEWS SUBSCRIPTION REQUEST FORM AVAILABLE AT NO CHARGE TO NH FIREFIGHTERS AND EMS PROVIDERS

Subscriptions to the quarterly Newsletter are available to NH Firefighters and EMS Providers at no charge simply by completing the request below. If you already receive one, please do not fill out this request unless your information such as name, address, or fire department has changed.

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29

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